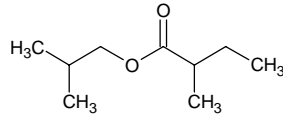


isobutyl 2-methylbutyrate

イソブチル 2-メチルブチレート

Formula C₉H₁₈O₂

Mol. Wt. 158.24



CAS No. 2445-67-2

SEQ No. 1329 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	isobutyl 2-methylbutyrate		
Content (NLT)	98.0 % (GC)		
Refractive index	1.403-1.409 (n _{20D})		
Specific gravity	0.856-0.862 (d ₂₀ /20)		
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3		
	MS :3,4,5		
	NMR :3		

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich